

What is Claimed is:

1. A method of using an electrochemical sensor, the method comprising:  
adhering a mounting unit to a skin of a patient;  
aligning an insertion gun with a port on the mounting unit, the insertion gun having  
5 an electrochemical sensor disposed therein;  
inserting an electrochemical sensor into the skin of the patient using the insertion gun;  
removing the insertion gun;  
mounting a housing of a sensor control unit in the mounting base; and  
coupling a plurality of conductive contacts disposed on the housing with a plurality of  
10 contact pads disposed on the electrochemical sensor.
2. The method of claim 1, wherein the plurality of conductive contacts and the plurality  
of contact pads are coupled when the housing is mounted on the mounting base.
- 15 3. The method of claim 1, further comprising applying a skin protecting material to the  
skin prior to adhering the mounting unit.
4. The method of claim 1, wherein the electrochemical sensor is disposed in a sharp,  
rigid inserter, the sensor being released from the inserter after insertion.

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